

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 63101316
PUBLICATION DATE : 06-05-88

APPLICATION DATE : 16-10-86
APPLICATION NUMBER : 61244132

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INT.CL. : A61K 9/06 A61K 9/70 A61K 47/00 A61L 15/03

TITLE : MEDICAL PREPARATION

ABSTRACT : PURPOSE: To provide a medical preparation produced by compounding a physiologically active substance into a pressure-sensitive adhesive containing pullulan, applicable to the skin without causing rash of the skin, having excellent retainability, slowly releasing property and skin-permeability of the physiologically active substance and capable of giving an excellent drug.

CONSTITUTION: A prescribed amounts of a physiologically active substance is mixed into a pullulan-containing pressure-sensitive adhesive agent, e.g. a pressure-sensitive adhesive agent produced by mixing 5pts.wt. of pullulan with 2-7pts.wt. of a tackifying agent and a plasticizing agent (e.g. glycerol, lecithin, etc.), 3-25pts.wt. of a diluent and a viscosity modifier (e.g. glucose, dextrin, etc.) and 0.03-0.6pts.wt. of a cohesive force improving agent (e.g. CMC, sodium alginate, etc.). When the physiologically active substance is an oil-soluble substance, it can be stably dispersed by compounding the substance in the form of a clathrate compound with cyclodextrin or after encapsulating in microcapsules.

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